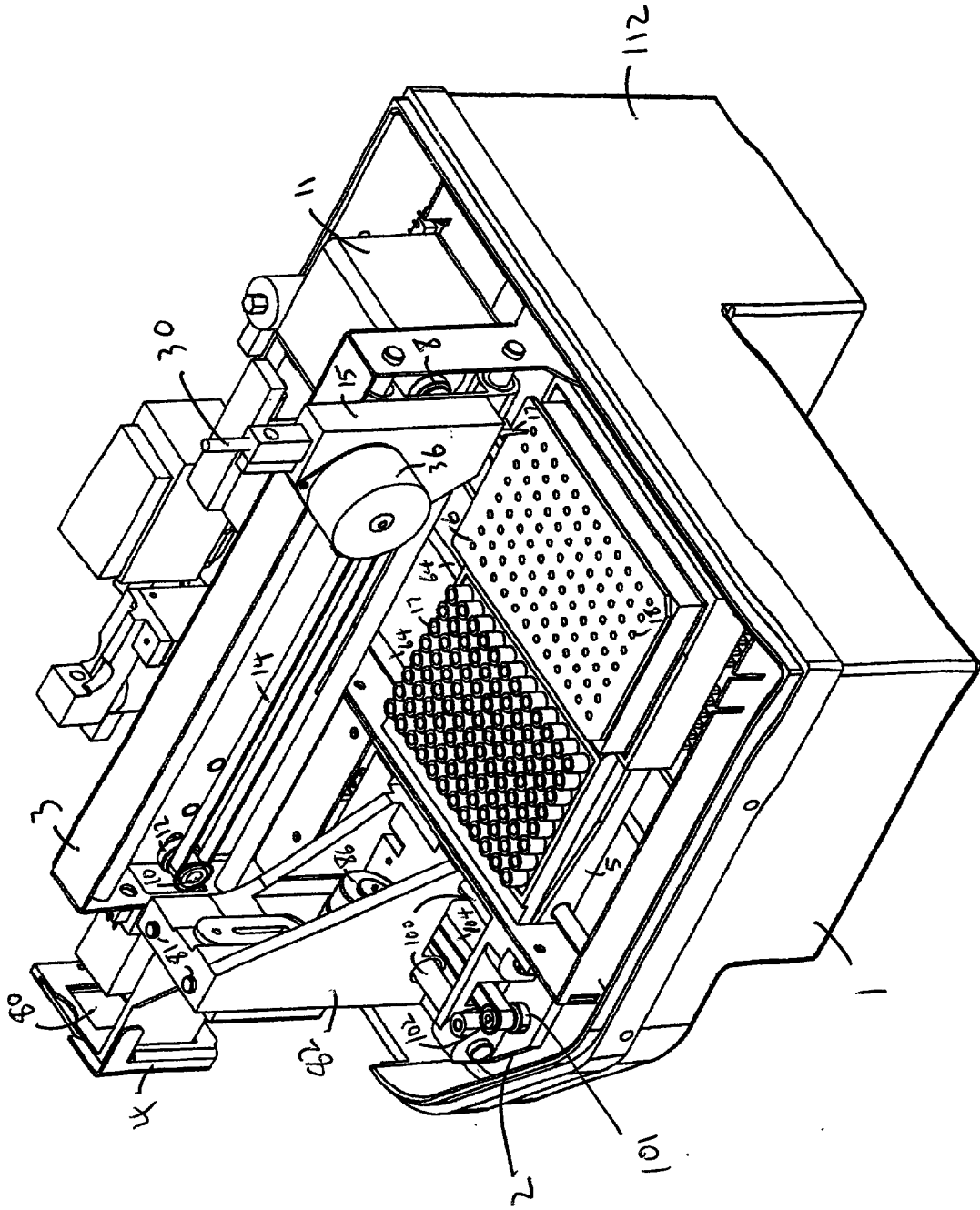


FIG. 1

FIG. 2



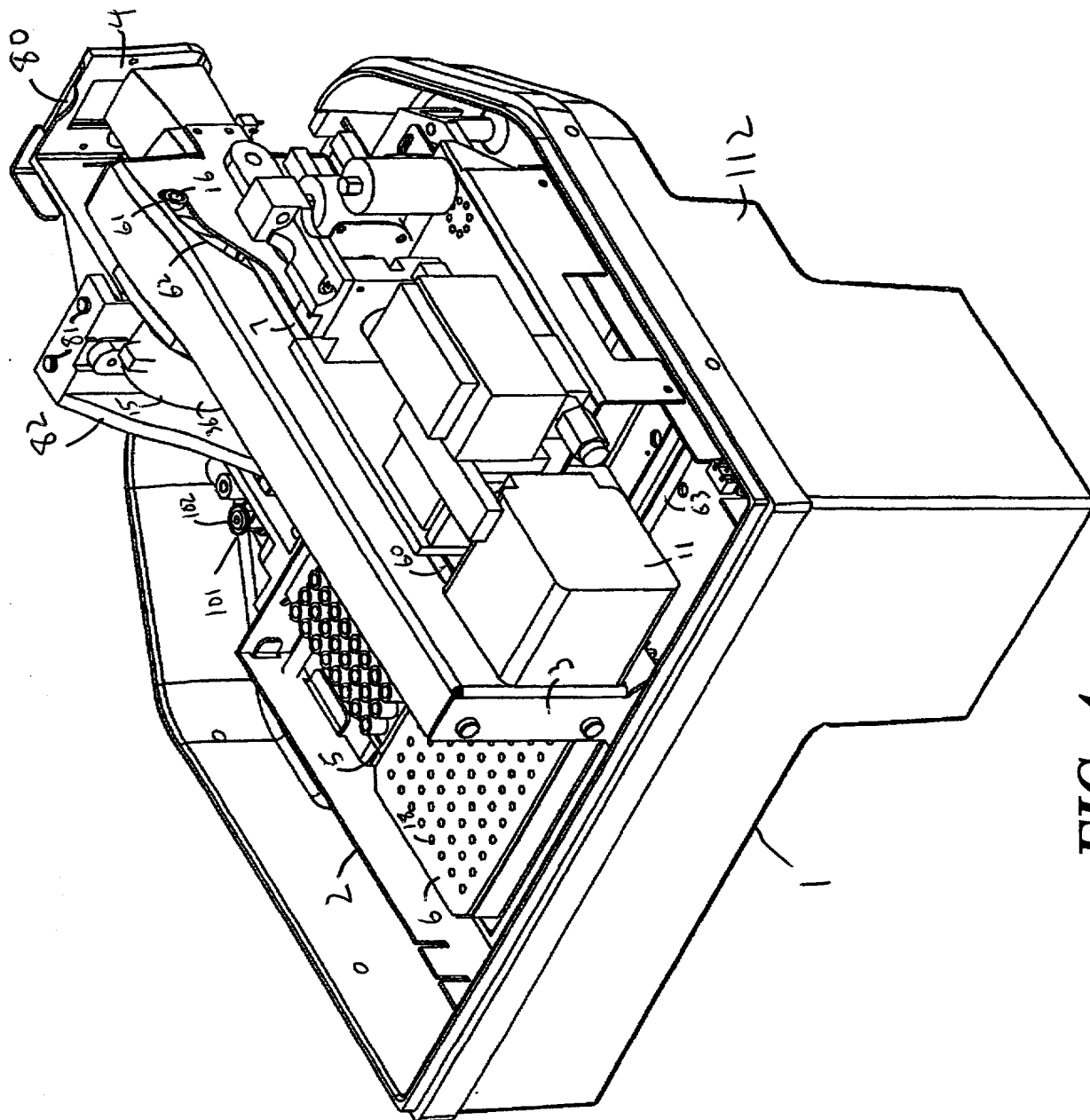


FIG. 4

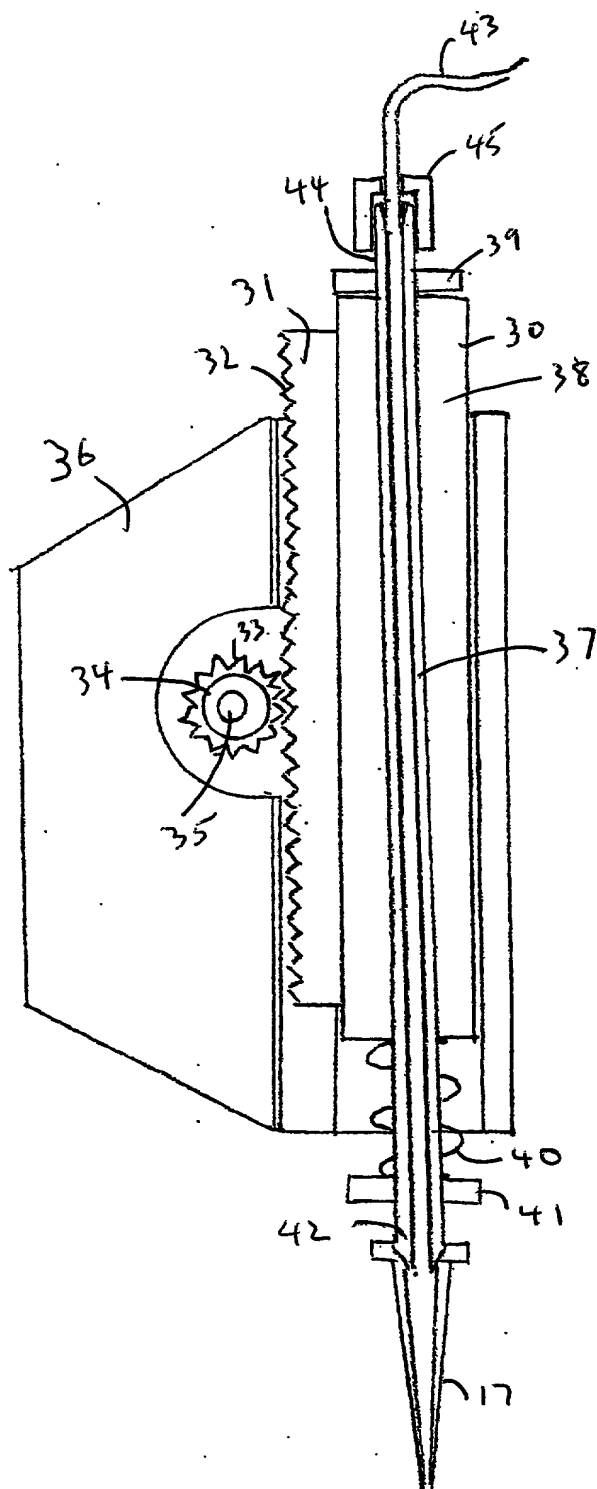


FIG. 6

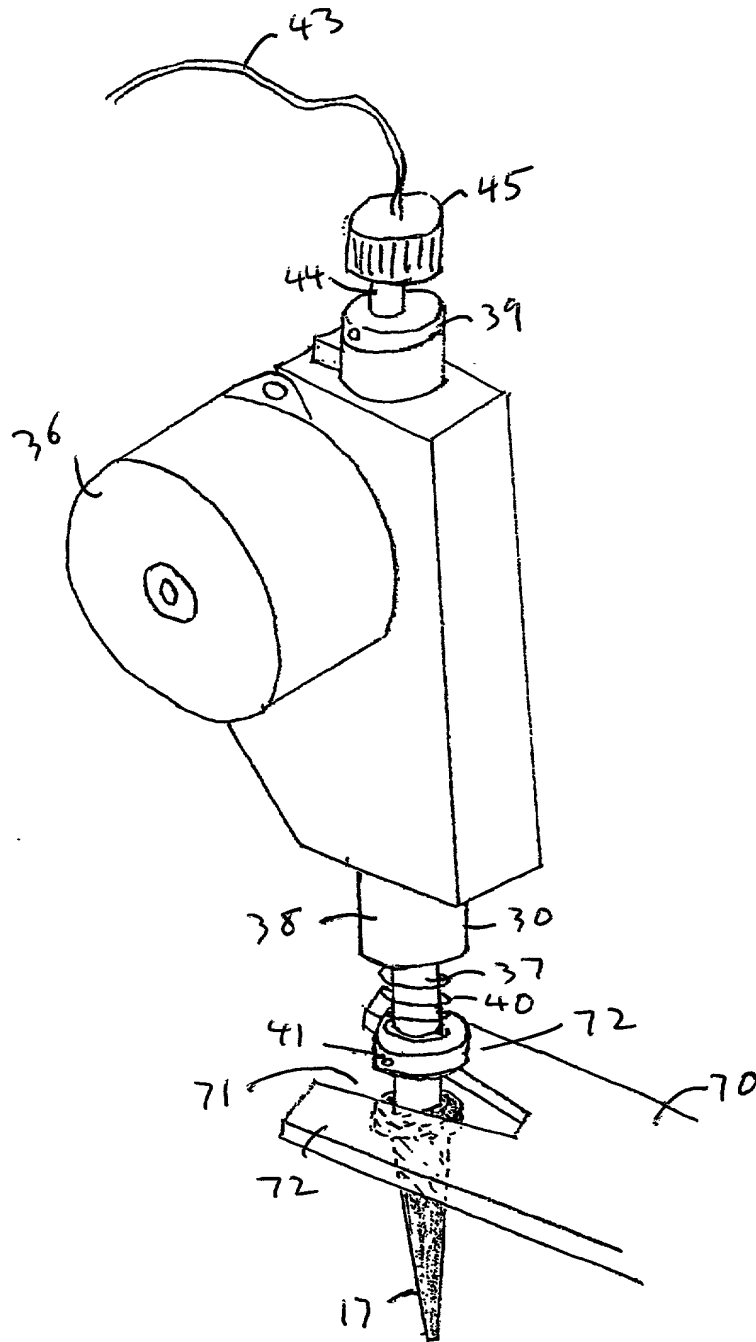


FIG. 7

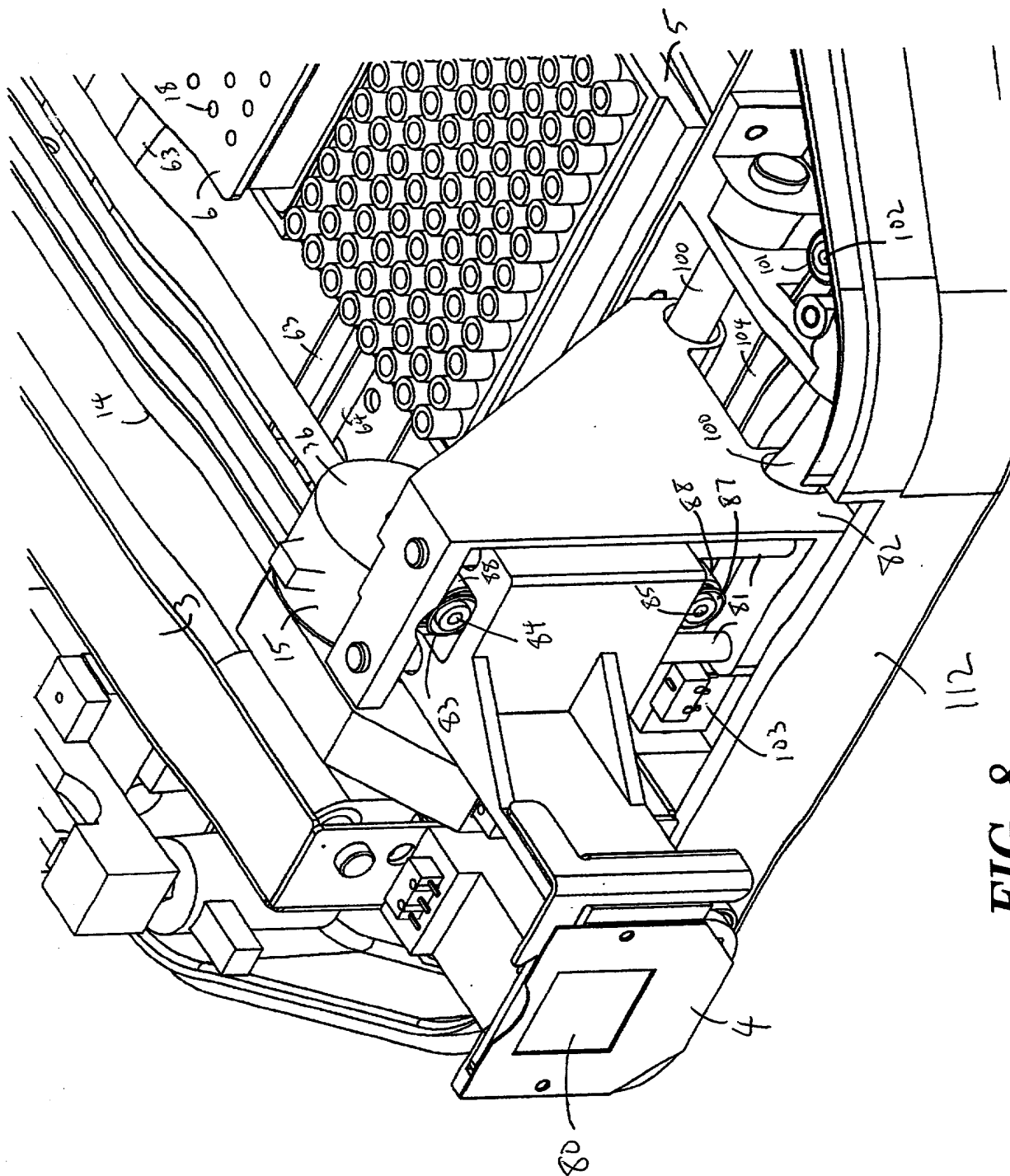


FIG. 8

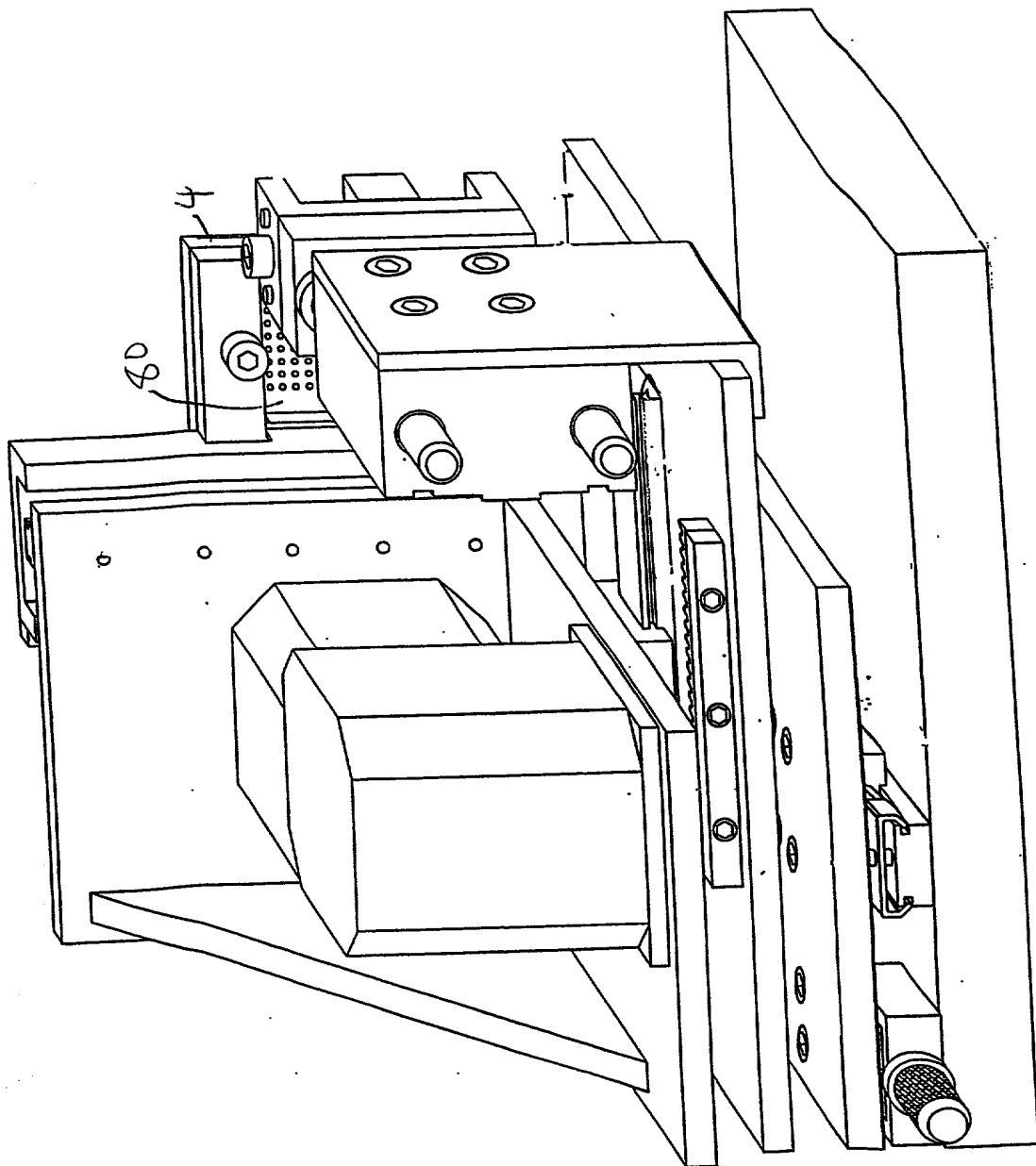
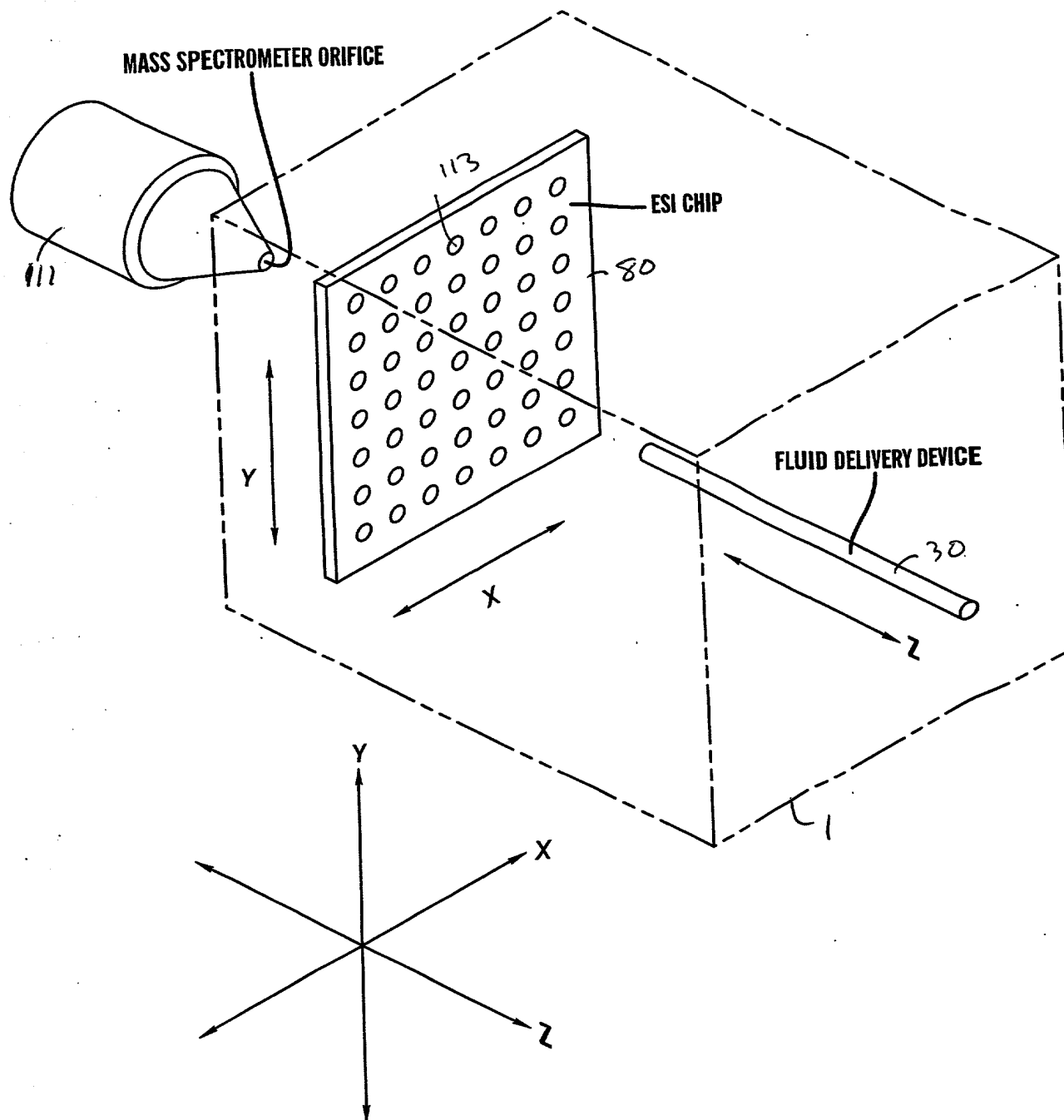


FIG. 9

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WHOLE DEVICE MAY ALSO MOVE WITHOUT DISTURBING RELATIVE POSITIONS OF PROBE AND CHIP

FIG. 10

A cross-sectional schematic diagram of an ESI chip and fluid probe assembly. The diagram shows a vertical hatched block labeled "ESI CHIP" (80) and a horizontal hatched block labeled "FLUID PROBE" (30). The fluid probe is inserted into the ESI chip, with its tip (110) positioned at the center of a channel (116) in the chip. The channel is formed by two vertical walls (113, 115) and a bottom wall (117). The fluid probe has a top surface (118) and a bottom surface (119). A shaded region (114) is located between the fluid probe and the bottom wall of the channel. An "ELECTROSPRAY VOLTAGE" source is connected to the bottom surface of the fluid probe (119) and to a ground symbol. A large, shaded, fan-shaped region (112) is shown on the left side of the channel, representing the spray of the electrospray.

FIG. 11

[illegible]

FIG. 12

125

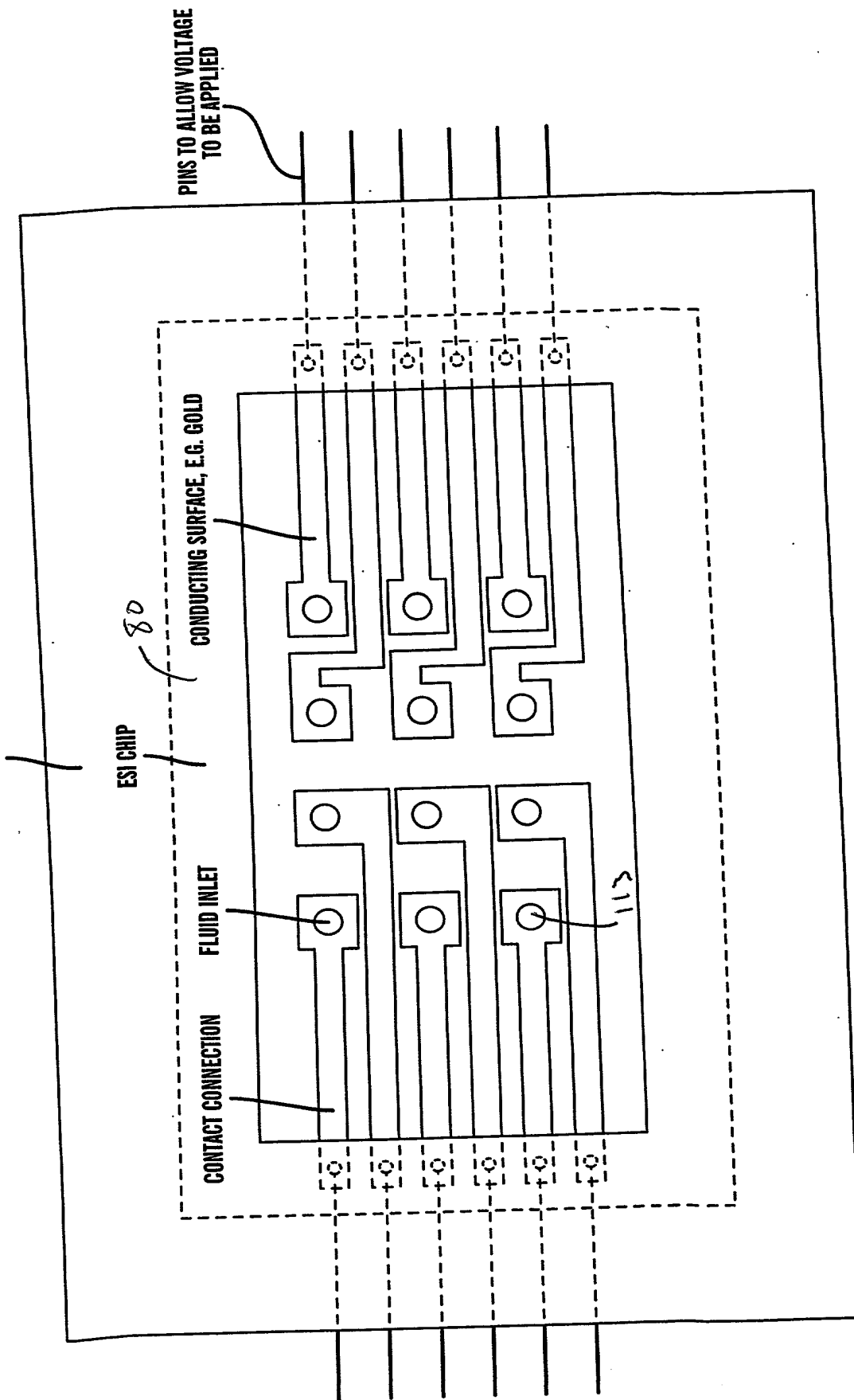


FIG. 13

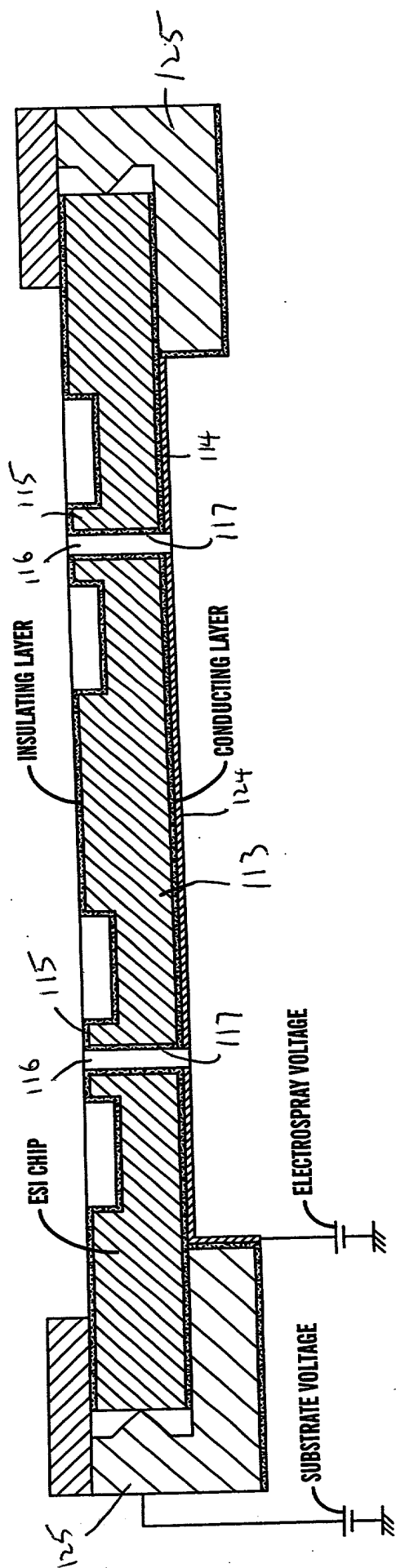


FIG. 14

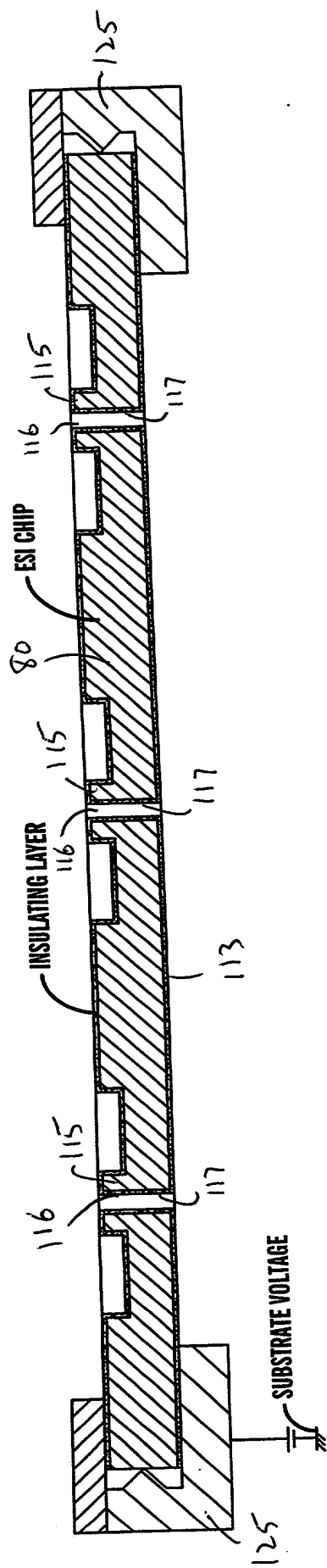


FIG. 15

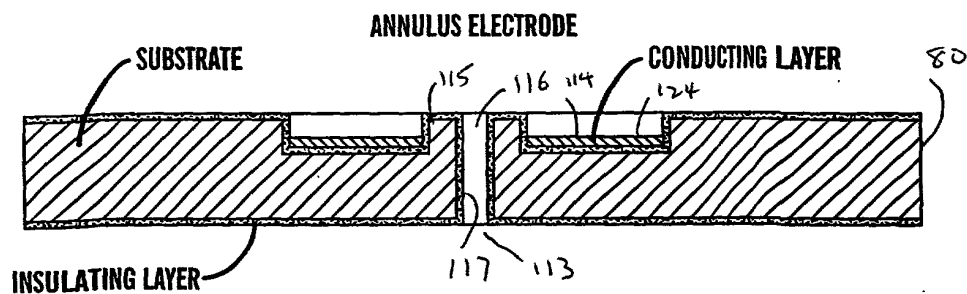


FIG. 16A

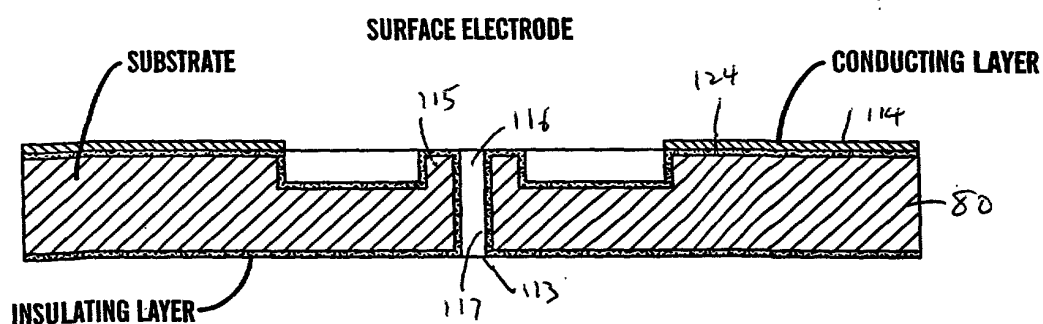


FIG. 16B

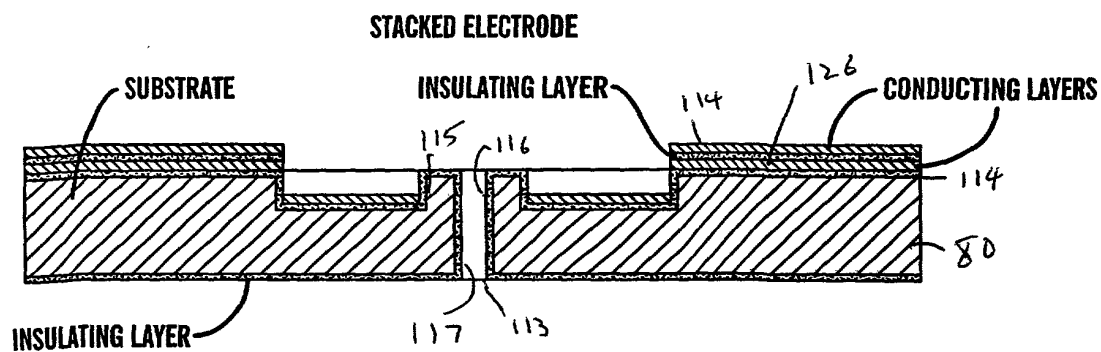


FIG. 16C